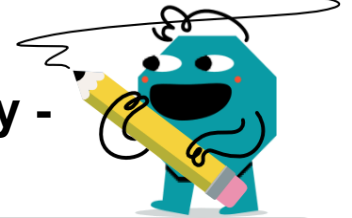




## Multiplication Algorithm 2x2 With Carry - Step 5



**1** Multiply 7 and 8 to find the carried value.

$$\begin{array}{r} \phantom{0}2 \\ \phantom{0}5\phantom{0}7 \\ \times \phantom{0}8\phantom{0}7 \\ \hline \phantom{0}3\phantom{0}9\phantom{0}9 \\ + \phantom{0}\phantom{0}\phantom{0}6\phantom{0}0 \\ \hline \phantom{0}\phantom{0}\phantom{0}\phantom{0}\phantom{0} \end{array}$$

A	B	C
9	1	2
D	E	F
0	5	4

**2** Multiply 6 and 4 to find the carried value.

$$\begin{array}{r} \phantom{0}2 \\ \phantom{0}3\phantom{0}6 \\ \times \phantom{0}4\phantom{0}9 \\ \hline \phantom{0}3\phantom{0}2\phantom{0}4 \\ + \phantom{0}\phantom{0}\phantom{0}4\phantom{0}0 \\ \hline \phantom{0}\phantom{0}\phantom{0}\phantom{0}\phantom{0} \end{array}$$

A	B	C
0	8	2
D	E	F
6	3	7

**3** Multiply 6 and 7 to find the carried value.

$$\begin{array}{r} \phantom{0}2 \\ \phantom{0}9\phantom{0}6 \\ \times \phantom{0}7\phantom{0}6 \\ \hline \phantom{0}5\phantom{0}7\phantom{0}6 \\ + \phantom{0}\phantom{0}\phantom{0}2\phantom{0}0 \\ \hline \phantom{0}\phantom{0}\phantom{0}\phantom{0}\phantom{0} \end{array}$$

A	B	C
5	8	4
D	E	F
9	1	6

**4** Multiply 7 and 7 to find the carried value.

$$\begin{array}{r} \phantom{0}2 \\ \phantom{0}4\phantom{0}7 \\ \times \phantom{0}7\phantom{0}8 \\ \hline \phantom{0}3\phantom{0}7\phantom{0}6 \\ + \phantom{0}\phantom{0}\phantom{0}9\phantom{0}0 \\ \hline \phantom{0}\phantom{0}\phantom{0}\phantom{0}\phantom{0} \end{array}$$

A	B	C
6	7	3
D	E	F
5	4	8

**5** Multiply 5 and 8 to find the carried value.

$$\begin{array}{r} \phantom{0}2 \\ \phantom{0}2\phantom{0}5 \\ \times \phantom{0}8\phantom{0}7 \\ \hline \phantom{0}1\phantom{0}7\phantom{0}5 \\ + \phantom{0}\phantom{0}\phantom{0}0\phantom{0}0 \\ \hline \phantom{0}\phantom{0}\phantom{0}\phantom{0}\phantom{0} \end{array}$$

A	B	C
2	1	3
D	E	F
6	4	8

**6** Multiply 7 and 8 to find the carried value.

$$\begin{array}{r} \phantom{0}2 \\ \phantom{0}9\phantom{0}7 \\ \times \phantom{0}8\phantom{0}2 \\ \hline \phantom{0}1\phantom{0}9\phantom{0}4 \\ + \phantom{0}\phantom{0}\phantom{0}6\phantom{0}0 \\ \hline \phantom{0}\phantom{0}\phantom{0}\phantom{0}\phantom{0} \end{array}$$

A	B	C
9	3	1
D	E	F
5	6	2

**7** Multiply 3 and 9 to find the carried value.

$$\begin{array}{r} \phantom{0}2 \\ \phantom{0}4\phantom{0}3 \\ \times \phantom{0}9\phantom{0}7 \\ \hline \phantom{0}3\phantom{0}0\phantom{0}1 \\ + \phantom{0}\phantom{0}\phantom{0}7\phantom{0}0 \\ \hline \phantom{0}\phantom{0}\phantom{0}\phantom{0}\phantom{0} \end{array}$$

A	B	C
3	8	2
D	E	F
5	4	7

**8** Multiply 7 and 6 to find the carried value.

$$\begin{array}{r} \phantom{0}2 \\ \phantom{0}9\phantom{0}7 \\ \times \phantom{0}6\phantom{0}9 \\ \hline \phantom{0}8\phantom{0}7\phantom{0}3 \\ + \phantom{0}\phantom{0}\phantom{0}2\phantom{0}0 \\ \hline \phantom{0}\phantom{0}\phantom{0}\phantom{0}\phantom{0} \end{array}$$

A	B	C
3	0	5
D	E	F
6	4	2